

Alabi Oluwaseun

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Professional Summary

Certified **DevOps and Solutions Engineer** with experience in designing, implementing, and managing scalable cloud infrastructures. **Skilled** in automation, CI/CD pipelines, and containerization technologies. Strong background in **AWS services**, including EC2, S3, Lambda, EKS, CloudFormation, etc. Proficient in leveraging **Terraform/Cloudformation** to define, deploy, and update infrastructure resources in cloud environments. **Curious, hard-working** and collaborative **team player** with problem-solving and communication skills.

Education

Obafemi Awolowo University

2017 – 2023

Bachelor of Science, Computer Science

Certifications

- AWS Certified Solutions Architect – Associate - View
- AWS Certified Cloud Practitioner – Validation ID: V16GPSM1VERQQZG1 - View
- Cisco Networking Essentials

Technical Skills

- **Cloud:** AWS, Azure
- **laC:** Terraform, CloudFormation
- **Programming:** Python, Bash, PowerShell
- **CI/CD:** GitHub Actions, Jenkins
- **Containers:** Docker, Kubernetes, EKS
- **OS:** Red Hat Linux, Windows Server
- **Visuals:** Draw.io, PowerPoint, Amazon Q

Work Experience

Spectranet Limited

Jun 2024 – Jun 2025

IT Infrastructure Engineer/System Administrator (Internship)

- Managed **Linux** servers (Red Hat, Ubuntu) across virtualized platforms, maintaining **99.5% uptime** through proactive monitoring and performance optimization
- Deployed virtual environments using VMware, Oracle OVM/OLVM, and Hyper-V, optimizing resource allocation and system performance
- Applied core protocols (DNS, NFS, Samba, SSH, TCP/IP) and **system hardening** best practices for secure networked systems
- **Automated** routine tasks with **Bash and Python scripts**, reducing manual processes and improving troubleshooting efficiency across the infrastructure team
- **Collaborated** with 3 **cross-functional teams** for system audits, reviews, and compliance documentation

Projects

Serverless Web Application with CI/CD and IaC (AWS) | Github

AWS S3, CloudFront, Lambda, API Gateway, DynamoDB, Python, React, CI/CD

- Designed and deployed a fully **serverless** web application using AWS SAM **infrastructure-as-code**, reducing infrastructure provisioning time by 75% compared to manual setup
- Implemented automated **CI/CD pipelines** using **GitHub Actions** and **AWS CodePipeline**, achieving quick deployment cycles from code commit to production
- Built a **visitor tracking system** using API Gateway, Lambda, and DynamoDB, capable of **handling 1000+ daily requests** with <100ms response time and 99.9% uptime
- Optimized **content delivery** by configuring CloudFront CDN with **S3 static hosting**, improving page load speeds by 60% for global users
- Established end-to-end **testing** framework with **Cypress**, catching 95% of bugs before production

Full-Stack QR Code Generator with Cloud-Native Deployment (AWS EKS) | Github

React, FastAPI, Docker, AWS EKS, DynamoDB, API Gateway, S3

- Built a **containerized QR code generator** using Next.js and FastAPI, serving 200+ QR codes generated with consistent sub-second response times
- Integrated **AWS S3** for persistent **image storage** with lifecycle policies, **reducing storage costs** by 30% through intelligent tiering
- Deployed application on **AWS EKS using Docker containers**, achieving 99% uptime with horizontal pod **autoscaling** for traffic management
- Automated CI/CD pipeline with GitHub Actions, enabling single-command deployments with automated testing and rollback capabilities